

Proposed Data Elements for PARS II

Revised: February 19, 2009 – Version 2.5

This document should be printed on legal size paper, in landscape mode.

1 Overview

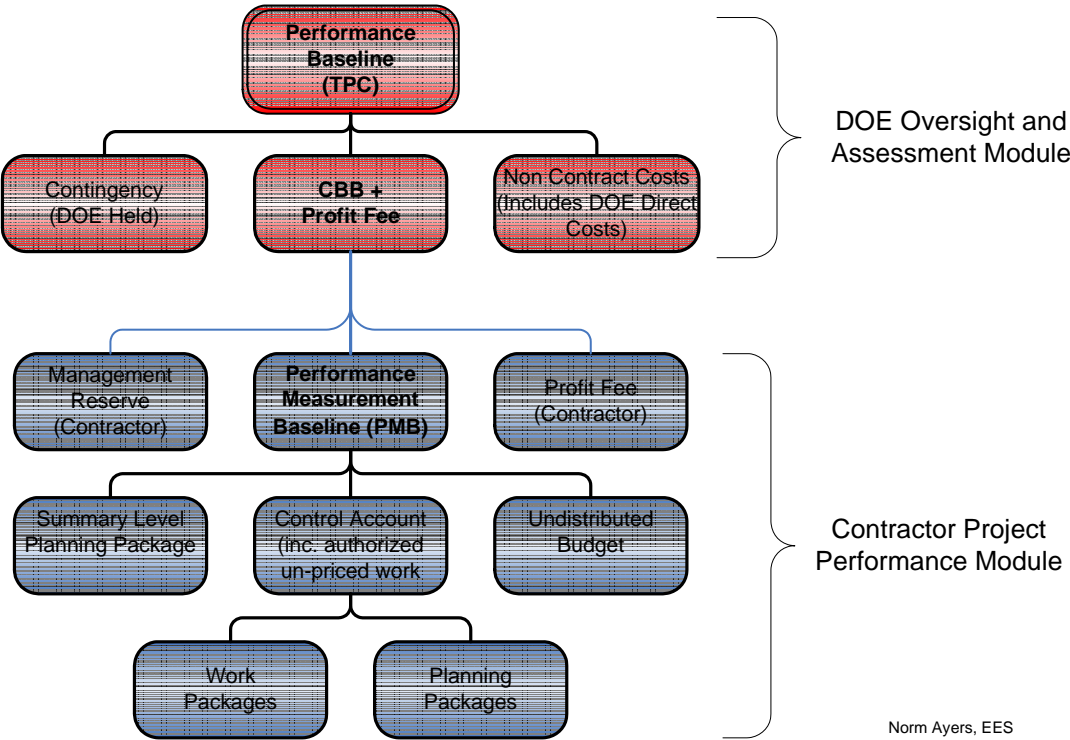
The PARS II application will collect two major types of data from DOE Field Site and DOE Headquarters locations. The two types of data are called: (1) **Oversight and Assessment Data** and (2) **Contractor Project Performance Data** and are designed to provide information to support for the concepts and data elements represented by the DOE EVMS Gold Card¹. A reproduction the relevant section of the Gold Card appears to the right.

Oversight and Assessment Data (OA), such as monthly assessments, contingency, profit/fees, other direct costs, performance baseline, milestone completion dates, contractor certification status, total project cost and other data elements will be collected from Federal Project Directors, Program Office Analysts and OECM Analysts using the PARS II Oversight and Assessment module. This type of data is often referred to as summary level data and is related to the items shown in the red-shaded portion the DOE EVMS Gold Card.

Contractor Project Performance Data (CPP), such as the management reserve, performance measurement baseline, contractor’s earned value data, schedule data, variance analysis reports and risk logs will be collected from the site contractor’s earned value management system using the PARS II Contractor Project Performance “project upload file function”. The contractor will use this functionality, on a monthly basis, to send (i.e., upload) files containing earned value data, schedule data, management reserve, variance reports and risk to the PARS II server at Headquarters. These types of data elements are related to the blue-shaded portion the DOE EVMS Gold Card.

PARS II will store both types of data in the database and will integrate them, for reporting purposes, using the Project ID as the common data element.

Please note that the names used to describe of database tables and data elements in this document are based on terms commonly used by Department of Energy federal and contractor personnel, and are based on the language found in relevant publications such as DOE Orders, Guides, Manuals and PARS 1 documentation. PARS II will be implemented using the Dekker PMIS COTS product,

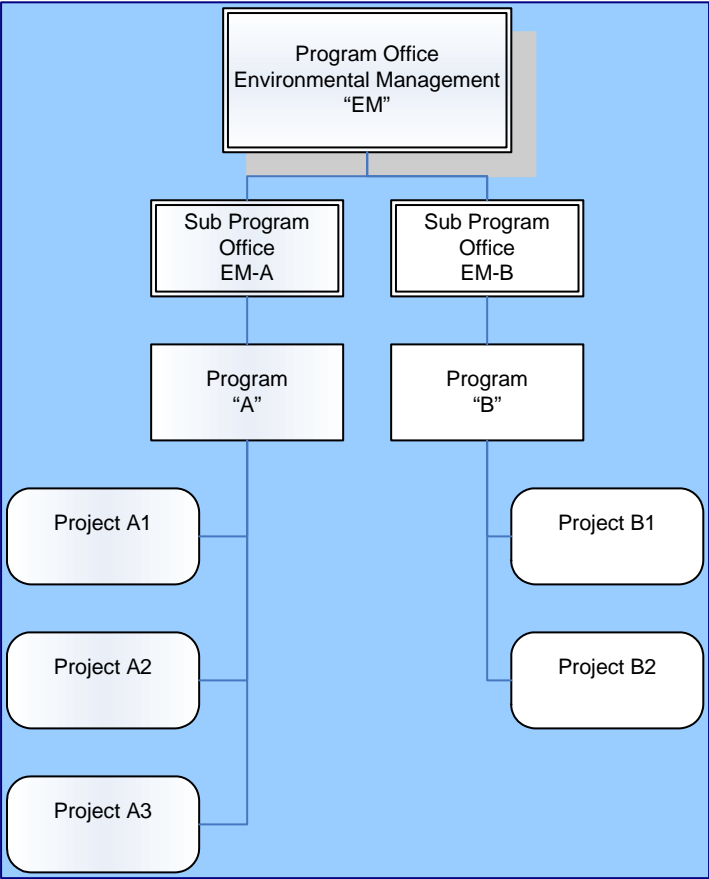


¹ DOE Guide 413.3-10, Appendix B-1, May 6, 2008

which uses its own internal database table and data element naming conventions. Therefore, when implemented, PARS II may not use many of the table names and data element names described below. However, Dekker software will be modified to provide PARS II users with a “data aliasing” feature that translates Dekker terminology into DOE terminology.

2 Hierarchy of Program Office, Sub-Program Office, Program & Projects

OECM proposes, as of January 28, 2009, to use a data element called “Program” (or “Program Title”) to aggregate projects that have similar characteristics. The “Program” data element appears in the illustration below and is placed under data elements “Program Office” and “Sub-Program Office” and serves to identify those projects that have similar mission-related attributes and that are owned by the same Program Office and Sub-Program Office. The actual data values to be placed in Program Office, Sub-Program Office and Program data elements will be supplied by OECM and will be included in the PARS II system. Please note that some Program Offices do not use the “Program” data element and, in that case, PARS II will automatically insert the data value of the Sub-Program Office in the Program data element



3 Database Tables

The database for PARS II is being designed to store, for each project, **oversight and assessment data** and **contractor project performance data**. The database will contain many tables that can be categorized as either Reference Tables or Data Tables. The information stored in Reference Tables is static in nature (e.g., not updated very often) and contains data such as Contacts, Sites, Program Office Codes, Group Access Rights, etc. Data elements in these Reference Tables will be used by PARS II for look-up or data validation purposes (e.g., using drop-down boxes). Information stored in Data Tables is dynamic in nature (e.g., is updated daily, weekly) and contains items such as the Projects Table, Narratives Table, Earned Value Table, Budget Profile Table, etc.

The sections below describe the information contained in the Reference Tables, the Data Tables and the entire list of data elements for PARS II. Please note that other tables and data elements may be added to this document as a result of information obtained from Discovery Sessions and feedback from stakeholders.

3.1 Database Reference Tables

The following list of Reference Tables to be included in the PARS II database.

	Reference Table Name	Description of Reference Table
1.	Access Rights Table (Users)	A table that lists the “access rights” available to groups of users (see User Groups) who will use PARS II. Examples of access rights include: READ ONLY, ADD, CHANGE, DELETE. Access rights within the Dekker COTS software extends to the data element level.
2.	Calendar Table	An electronic calendar within PARS II to be used for calculating schedules, displaying months, days, years, selecting date range values on screens, etc.
3.	Color Status Indicators	A list of status indicators, to be used on screens and reports, indicating the health of the project. Color indicators are: Red, Yellow and Green and are also associated with control limit data elements.
4.	Contacts Groups Table (User Groups)	The list of valid user groups, such as OECM Analyst, FPD, Contractor Project Control, Contractor Project Manager, Program Office Project Manager and other groups.
5.	Contacts Table (Users)	The list of all users who may access PARS and contains information such as: user name, user title, user group, user location (building, city, state zip), user work phone number, user email address.
6.	Contractor EVMS Certification Status Codes Table	The list EV certification status codes that apply to the contractor, such as: Certified, Reviewed, Not Reviewed
7.	Contractor Names Table	The list of prime contractor names
8.	FPD Certification Level Codes Table	The list of certification level codes that pertain to the FPD, such as: Level 4, Level 3, Level 2, Level 1
9.	FPD Certification Status Codes Table	The list of certification status codes that apply to the FPD, such as: Certified, Not Certified, Under Review

	Reference Table Name	Description of Reference Table
10.	Locations Table	The list of cities, states, and zip codes where the project is located.
11.	Managing Program Offices Table	The names and acronyms of all DOE Program Offices and Staff Offices, such as: EM, NNSA, NE, Science, MA, OCIO
12.	Milestone Types Table	The types of milestones to be placed in the Milestone Table, such as Regulatory Milestones, Key Milestones, EM Operations Funded Milestones, Other Milestones
13.	Narrative Types Table	A list of the various types of narratives that to be written by the FPD, OECM, Program Office Analyst, such as: Status Assessment, Progress Assessment, Corrective Action Plan, Upcoming Events, Narrative to Achieve Green.
14.	Program Title Table	This table stores the list of valid “Programs” (also called “Program Titles”) associated with Program Offices, Sub-Program Offices and Projects. “Programs” are developed by Program Offices and contain short titles that represent DOE mission-related work. Programs or Program Titles must not be confused with Program Offices.
15.	Project Category Codes Table	The list of categories for a project, such as: stand-alone project, discrete sub-project, sequential segment project.
16.	Project Size Table	Indicating the relative size of the projects, such as : Major System, Non-Major System, and System of Interest to DepSec
17.	Project Status Codes Table	The list of codes that identify the current “activity status” of a project, such as: Active, Completed CD4, Financial Closeout, On-Hold.
18.	Project Type Codes Table	The list of project types, such as: System, Facility Construction, Infrastructure Improvements, Restoration, Disposition, etc.
19.	Project Upload File Types Table	Contains the list of the valid types of upload files to be sent from sites, such as: X12 EV, Time-Phased EV, Schedule, Variance, Management Reserve, Risk, Other
20.	Sites Table	The list of valid DOE Site Codes and Site Descriptions where the project is located.
21.	Other tables	Developed during the discovery process.

3.2 Database “Data” Tables

The information below lists and describes each table name.

	Data Table Name	Description of Table
1.	Attachments Data	The project documents to be “attached” by the operator during a data entry session, and include electronic files such as: assessments, safety documents, project approval documents, project plans, project design documents, etc.
2.	Audit Log File Data	Log files, available to the PARS System Administrator, that show history transactions associated with data entry and internal workings of the system. With regard to all PARS data entry functions, log files must show who-changed-what-and-when. There will be several different types of audit log files.
3.	Budget & Funding Profile Data	A table containing, for each fiscal year, the funding request and sources of funding to be used by the project. Data elements include the project’s Performance Baseline and funding sources from the DOE Integrated Priority List, OMB and Congress. The makeup of the Budget Profile table for PARS II is currently being discussed at OECM.
4.	Contractor EVMS Certification Status Data	Contains information about each contractor’s EVMS certification status and date of certification.
5.	FPD Certification Status Data	Contains current and historical information on the FPD’s certification process, showing current status, certification level and status dates (history).
6.	FPD Upcoming Events	A table, updated by the FPD each month that lists upcoming events that could be of interest to the DepSec.
7.	KPP Data	A table that contains a list of all the KPPs for the project, including the KPP ID, KPP Description and KPP Narrative
8.	Milestones and Critical Decisions	A table that contains data for the milestones and critical decisions to be associated with each project and includes the following data elements: Milestone ID, Milestone Name, Milestone Type (e.g., CD, Key, EM, Other), Milestone Narrative, Milestone Planned Date, Milestone Actual Date.
9.	Narratives Data	This table contains written text for each type of narrative (see Narrative Types Table), as written by the FPD, Program Office Analyst, OECM Analyst. Each narrative must also be associated with the fiscal year, fiscal month and calendar date that the narrative was written. This table must also identify the Type of Narrative and name and title of the author who wrote the narrative.
10.	Performance Baseline (PB) Change Data	A history file of changes made to the Performance Baseline, containing the Baseline Change Number, Baseline Change Title, Baseline Change Date, Approval Authority, Narrative, etc. The table also includes a snapshot of selected data elements that were a part of the PB, such as Contingency, Profit/Fee, Indirect Costs and the Contractor’s Baseline Budget.
11.	Performance Measurement Baseline (PMB) Change Data	A history file of changes made to the contractor’s Performance Measurement Baseline, containing the Baseline Change Number, Baseline Change Title, Baseline Change Date, Approval Authority, Narrative, etc. The table also includes a snapshot of selected data elements that were a part of the PMB, such as Management Reserve, WBS-Level BCWP, ACWP, BAC and others.
12.	Project Upload File Data	This table holds all of the various types of upload files that were received from contractors and identifies the type of upload file, the date received, and other information. Some upload files can be large in size (e.g., 100MB)

	Data Table Name	Description of Table
13.	Projects Data	The master table containing all projects in the PARS II database. Each project record in the database will have data elements such as: Project ID, Project Description, Project Acronym, Project Site Code, Managing Office Code, Project Status, Project Location and will be linked to many other tables in the database.
14.	Risk Log Data	This table contains the Risk Log data, for the project, that was collected from the contractor via the upload process.
15.	Other Tables	To be determined during discovery process.

3.3 Database Data Elements

The table in this section identifies the data elements that are proposed for use by the PARS II **Oversight and Assessment** and **Contractor Project Performance** modules.

For familiarity, the table makes use of the format used by the “PARS Data Input Requirements Document” (published by Project Performance Corporation, March 25, 2006). The table shows how and data elements will be entered during the life cycle of the project. Cells in the table are color coded to identify the conditions for update, such as “required monthly, required annually, required at special event. The column headings and rows listed in the Proposed Data Elements for PARS II Table are arranged in the following manner:

- **Column 01 – Row:** contains the row number for the table. Please note that a **red-colored row number** means that a change was proposed to this data element by the Integrated Project team on January 14, 2008);
- **Column 02 – Approved:** contains the date in which the data element for that row was approved by OECM and IPT;
- **Column 03 – Ref:** contains the name of the system or document from which the data element was sourced. Reference codes are: ART (from the ART database), PDIR (PARS Data Input Requirements document), NEW (from discussions with Dekker, John Makepeace, others), PMET (Performance Metrics defined by OECM in March 2007);
- **Column 04 – Data Group:** contains the data group or data classification code for the data element;
- **Column 05 – Table Name:** contains the name of the PARS II database table to which the data element belongs;
- **Column 06 – Data Element Name:** contains the name of the data element, along with examples of data to be used (for some data elements);
- **Column 07 – Data Dictionary Description:** contains the commonly used definition for the data element;
- **Column 08 – Data Type:** describes the data elements type, such as alphanumeric, numeric, date;
- **Column 09 – Data Length:** defines the data element’s field length, in characters;
- **Column 10 – List of Values:** shows the list of data items (e.g., data values) that belong to the data element;
- **Column 11 – Comment:** contains a brief comment that can be used for multiple purposes;
- **Column 12 – Responsible:** contains the name of the group responsible for entering values into this data element. Group codes names are: PO (Program Office), FPD (Federal Project Director), OECM (OECM Analyst), CONTR (Contractor);
- **Column 13** – contains instructions on how the data should be entered as the project is approved at CD-0;
- **Column 14** – contains instructions on how the data should be entered as the project moves from CD-0 to approval at CD-1;
- **Column 15** – contains instructions on how the data should be entered as the project moves from CD-1 to approval at CD-2;
- **Column 16** – contains instructions on how the data should be entered as the project moves from CD-2 to approval at CD-3;
- **Column 17** – contains instructions on how the data should be entered as the project moves from CD-3 to approval at CD-4;
- **Column 18** – contains instructions on how the data should be entered as the project moves from CD-4 to approval at Close-out.

Table Sort Features: The Proposed Data Elements for PARS Table can be sorted by up to three columns simultaneously. The default sort sequence for the table is to sort it by the column titled “Row” (in ascending order). Examples of other useful sort sequences appear below.

- **Sort by Data Entry User** - to sort the table by user role, to see which data elements must be entered by each user group (while maintaining the original CD0 to CD-4 workflow order) use the Microsoft Word Table “Sort” function and enter the following items in the Sort Sequence dialogue box: (1) Sort by the column titled” **Responsible**, then (2) sort by the column titled: **Row**.
- **Sort by Data Group** – to sort the table by Data Group, such as Project Identity, Project Scope, Project Cost, etc. (while maintaining the original CD0 to CD-4 workflow order) use the Microsoft Word Table “Sort” function and enter the following items in the Sort Sequence dialogue box: (1) Sort by the column titled: **Data Group**, then (2) sort by the column titled: **Row**.
- **Sort by Table Name** – to sort the table by Table Name, such as Project, Narratives, FPD Certification, etc. (while maintaining the original CD0 to CD-4 workflow order) use the Microsoft Word Table “Sort” function and enter the following items in the Sort Sequence dialogue box: (1) Sort by the column titled: **Table Name**, then (2) sort by the column titled: **Row**.

Legend for Table Proposed Data Elements for PARS II: Use the legend (below) to interpret the symbols in color-coded cells found in the Proposed Data Elements table.

Legend for Table: Proposed Data Elements for PARS II

	Legend for Understanding How Data Elements Should Be Processed
**	Double asterisk (**) Life Cycle Costs for EM Operations Funded Projects
***	Triple Asterisk (***) Not required for EM Operations funded projects
AN	As Needed – Update this data element at any time in the project life cycle as needed
DU	Dual Use Data Element – this item is a dual use data element and may be found in the OA & CPP screens, functions and reports. This situation will occur when a project from a site does not use the CPP module and, therefore, all data for the project must be collected via the OA module.
IR@CD	Input required at CD Approval – An Input is required when the Critical Decision has been approved.
PB	Data elements flagged with the PB superscript will be included in the Performance Baseline (PB).
PMB	Data elements flagged with the PMB superscript will be included in the Performance Measurement Baseline (PMB).
RA	Required Annually - An update to this data element is required at the end of each fiscal year
RM	Required Monthly - A monthly update is required (during the 3 rd , 4 th week of the following month)
UR@CD	Update Required at CD Approval – An update is required when the Critical Decision has been approved.
UR@SE	Required at Special Event - An update to this data element is required when the Special Event indicated occurs
WCO	When Change Occurs - An update to this data element is required when a change occurs to a related data item, such as activity status.

3.4 Proposed Data Elements Table

Please note that recent changes to the Proposed Data Elements Table, as requested by IPT members and OECM staff can be identified by locating row numbers in the table that have been marked with **red text**. Rows marked for deletion and text marked with a “strikeout line” will be deleted in the final version of this document.

Proposed Data Elements for PARS II

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
1		ART	Project Identity	Project	Project ID ^{PB & PMB}	<p>The DOE Project Identification Code (e.g., 97-D-102) for construction and engineering design projects as reported in the OMB A-11 Exhibit 300 or the program budget submission.</p> <p>This Project ID data element is used to identify the project record and to link the project record to other project-related tables in the PARS database.</p> <p>EM Project IDs may include PBS# and Project#.</p> <p>For tracking Category “2” projects that will be tracked as discrete subprojects add suffix #A, #B, etc. to the Project ID.</p> <p>For tracking Category “3” projects (For tracking performance of each Near-Term segment of EM projects) add suffix *1, *2, etc. to the Project ID.</p>	A/N	25	N/A	<p>On 1/28/09 OECM agreed that the value of the Project ID can be changed at any point in the project's life cycle, but only done by OECM.</p> <p>On 1/28/09 OECM agreed that OECM will be responsible for entering the Project ID values into PARS II.</p> <p>On 1/28/09, the request to have the ability to enter a preliminary value for the Project ID, before CD-0, was “tabled” by OECM.</p> <p>After 1/28/09, OECM plans to meet with the CFO to see if the CFO will take responsibility for assigning new Project ID values to new projects, rather than have the PO Budget Office perform this function.</p>	OECM	IR@CD	AN	AN			
2		New	Project Identity	Program Title	Program Title ^{PB}	The title of the Program that identifies business or mission-related functionality within the Program Office and Sub-Program Office. The hierarchy of related data elements to “Program Title” appears below.	A/N	50	To be developed by OECM and stored in the “Program Title” Reference Table	See the Hierarchy of Programs and Projects diagram located at the beginning of this document.	OECM	IR@CD	AN	AN	AN	AN	

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						1.Program Office 2. Sub Program Office 3. Program (or Program Title) 4. Project Note: The "Program Title" data element should not be confused with the "Program Office" data element. Also, some Program Offices (and related Sub Program Offices) do not have "Programs"											
3	02/12/09	ART	Project Identity	Project	Project Name ^{PB}	The official name of the project as approved by the Acquisition Executive. (e.g., National Ignition Facility).	A/N	50	N/A	Input once	PO	IR@CD					
4	02/12/09	PDIR	Project Identity	Project	Project Acronym	The acronym or abbreviated name for the project (e.g., NIF).	A/N	15	N/A	Input once	PO	IR@CD					
5	02/12/09	PDIR	Project Scope	Project	Project Description	A brief description of the project's scope, schedule and budget.	A/N	1000	N/A	Input once	PO	IR@CD					
6		New	Project Identity	Project	Project Type ^{PB}	The Project Type Code is a method for categorizing the project and will be based upon the list of values contained in OECM's "CM-2 List". The definition for this data element will be finalized, once populated by the CM-2 list.	A/N	25	Project Types in PARS II will consist of a list of values provided by OECM and will be based on OECM's "CM2 List" (to be provided by John Makepeace)	On 1/28/09, OECM agreed that the list of values contained in the "OECM CM2 List" (a list that is linked to the Staffing Model and the EIR) should be used as replacement values for current items in the Project Type data element. John Makepeace will provide the CM2 list	PO	IR@CD					
7		ART	Project Identity	Project	DELETE THIS DATA ELEMENT (PROJECT SIZE) AND REPLACE THIS DATA ELEMENT WITH THE "PROJECT OF SPECIAL INTEREST" DATA ELEMENT Project-Size	The relative size of the project, as expressed in dollars, such as: -Major System = TPC > \$750 million or EM Cleanup Project > \$1 Billion) or Non-Major System = TPC < \$750 million or EM Cleanup Project < \$1 Billion) System of Interest—a special designation applied to the project by the Deputy Secretary	A/N	50	Major System = TPC > \$750 million or EM Cleanup Project > \$1 Billion); Non-Major System = TPC < \$750 million or EM Cleanup Project < \$1 Billion) System of	On 1/28/09 OECM agreed to eliminate the "Project Size" data element in PARS II and to replace it with a new data element called "Project of Special Interest".	OECM	IR@CD					

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
									Interest								
8		New	Project Identity	Project	Project of Special Interest (formerly called "Project Size")	Identifies this project as one of "special interest to the DOE Secretary or DOE Deputy Secretary".	Y/N	1	<div>The default value for Project of Special Interest is "No".</div> <div>The OECM Analyst will change the value of this data element to "Yes" if the Secretary or DepSec declares that the project is of "special interest".</div>	<div>On 1/28/09 OECM agreed to eliminate the "Project Size" data element in PARS II and to replace it with a new data element called "Project of Special Interest".</div>	OECM	IR@CD	AN	AN	AN	AN	
9		ART	Project Identity	Project	Project Category ^{PB}	<div>The Project Category Code was originally used to track three different types of projects: "Stand Alone Projects", "Sub Projects" and "Project with Project Segments"</div> <div>As of 1/28/09, there will only be one type of project in the PARS II database, called "Stand Alone Project". Therefore, PARS II will allow only type of Project Category Code to be entered (e.g., Stand Alone Projects).</div> <div>2. Projects with Discrete Sub-Projects: Projects with discrete sub-projects are managed in smaller sub-projects for status reporting and budget requests. CD-0 and CD-4 milestones are same for the entire project but the CD-1 through CD-3 dates could be independent. Further each sub-project could have its own CD-4 (4A, 4B etc). Project, Sub-Project A, Sub-Project B - PARS will have as many records in the system as the number of subprojects. All subprojects will have the same Project ID but will have an additional subproject identifier with # suffix. As</div>	A/N	25	<div>Stand Alone Subproject, Project Segment</div>	<div>As of 1/28/2009, OECM recommended that there be only "Stand Alone" projects in the PARS II database.</div> <div>Therefore, when implemented in PARS II, all projects will contain the value "1" for Project category.</div> <div>PARS II will not permit the operator to add Category 2 or Category 3 types of projects.</div>	PO	IR@CD					

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						<p>an example, if the main project had a project ID of 01-D-416, the sub-projects would have Ids such as 01-D-416#A, 01-D-416#B etc.</p> <p>- A Project can be subdivided into sub-projects at any time. When a project is subdivided, information prior to the breakup will be tracked as the first sub-project record.</p> <p>- Generally each sub-project will also have its own separate funding table in the Project Data Sheet.</p> <p>3. Projects with Project Segments: This category of projects includes EM Operations Funded projects that may have multiple segments over time, based on new contracts that will be completed in sequential segments. Each contract term is represented as a segment of the life-cycle baseline.</p> <p>- Eventually PARS will have as many records in the system as the number of Project Segments. Each record will carry the cumulative EV data forward to the next segment. This will allow the tracking of life-cycle performance as well as measurement of each new contractor's performance</p> <p>- All Project Segments will have the same project ID followed by an "*" as a separator and a numeric segment identifier. (e.g. 2035- SR-0013* 1).</p> <p>- Each Project Segment will have its own Critical Decisions 1 through 4.</p> <p>- Upon completion, each completed Project Segment will have its own Closeout details.</p>											
10		PDIR	Project Identity	Project	Project Activity Status	The current activity status of the project, such as Active, Completed or Cancelled.	A/N	25	Active, Completed Cancelled	On 01/28/2009, OECM proposed that only three activity status values be used: Active, Completed, Cancelled.	PO	IR@CD	AN	AN	AN	AN	AN
11		PDIR	Project Identity	Project	DELETE THIS DATA ELEMENT - NOT TO BE USED IN PARS II	A narrative that explains why the project was placed "On-Hold" or in the "Other" activity status.	A/N	255		As of 1/29/2009, this data element will be deleted because there	PO	IR@CD	WCO	WCO	WCO	WCO	WCO

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
					Project Activity Status Narrative					is no longer a need for this narrative.							
12	02/12/09	ART	Project Resp.	Project	Managing Program Office ^{PB}	The DOE Program Office responsible for providing oversight for the project, as identified by official Program Office codes (e.g., SC, EM).	A/N	25	EM NNSA SC	Input once	PO	IR@CD					
13	02/12/09	ART	Project Cost	Project	TPC at CD-0 (low) (\$K) **	The low end of the total project cost range as approved at CD-0.	N	12		Input once	FPD	IR@CD					
14	02/12/09	ART	Project Cost	Project	TPC at CD-0 (high) (\$K) **	The high end of the total project cost range as approved at CD-0.	N	12		Input once	FPD	IR@CD					
15		PDIR	Project Schedule	Milestone	Milestone ID	The unique, sequential identification code for each critical decision milestone. The Milestone ID make is easier to track and sort milestones. Examples (CD-1, CD-2, CD-3A, etc)	A/N	50	CD-0 CD-1 CD-2 CD-3 CD-3A CD-3B CD-3C CD-3D CD-3E CD-4 Closeout	As of 1/28/09 OECM determined that it would use the list of values that appear to the left of this cell.	OECM	IR@CD					
16	02/19/09	PDIR	Project Schedule	Milestone	Milestone Type	PARS II will use only one type of milestone, called the "Critical Decision Milestone". There are several types of milestones: 1. Critical Decision Milestones, 2. Regulatory Milestones, 3. Other Key Milestones, 4. EM Operations Funded Projects to Designate the Start Date of a New Near Term Project Segment Milestones	N	1	Milestone Type = 1: Critical Decision Regulatory Milestones, Other Key Milestones, EM Operations Funded Projects Milestones.	As of 1/28/09 OECM determined that it would use only "Critical Decision" Milestones.	OECM	IR@CD					
17		PDIR	Project Schedule	Milestone	Milestone Title	The official title of the Critical Decision Milestone. If the Milestone Type was "1" then pick the Critical Decision from the pull-down menu and then input an extension (A, B) if the CD will occur in phases. For other types of milestones, enter the official milestone name.	A/N	256	CD-0 – Approve Mission Need CD-1 – Approve Alternative Selection and Cost Range CD-2 – Approve Performance Baseline	As of 1/28/09 OECM determined that it would only Milestone CD-3 would require tailoring, permitting the following possible values: (e.g., CD-3, CD-3A, CD-3B, CD-3C, CD-3D, CD-3E)	OECM	IR@CD					

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
									CD-3 – Approve Start of Construction CD-3A – Approve Start of Construction (sub-title should be appended here) CD-3B – Approve Start of Construction (sub-title should be appended here) CD-3C – Approve Start of Construction (sub-title should be appended here) CD-3D – Approve Start of Construction (sub-title should be appended here) CD-3E – Approve Start of Construction (sub-title should be appended here) CD-4 – Approve Start of Operations or Project Completion Closeout								

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
18	02/19/09	PDIR	Project Schedule	Milestone	Milestone Date Planned	The planned date in which the milestone-or critical decision is expected to be met	Date	10	mm/dd/yyyy	DOE O 413.3A p.25	OECM	IR@CD					
19	02/12/09	PDIR	Project Scope	KPP	Key Performance Parameter ID ^{PB}	The unique sequential numeric identifier for each KPP.	N	3	1 2 3 4 5 6 Etc	Input once	OECM	IR@CD	UR@CD	UR@CD			
20	02/12/09	PDIR	Project Scope	KPP	Key Performance Parameter Description ^{PB}	A narrative that describes the characteristics, functions, requirements or design basis that, if changed, would have a major impact on the facility or system performance, schedule, cost and/or risk, or the ability of the interfacing project to meet its mission requirements. A KPP may be a performance, design, or interface requirement. Update KPPs as the project progresses through planning and design stages.	A/N	4000	N/A		OECM	IR@CD	UR@CD	U@CD			
21	02/12/09	PDIR	Project Schedule	Milestone	Milestone Date Actual	The date that the milestone-or critical decision was met. For projects initiated prior to DOE O 413.3 for which no formal CD- 0 was approved enter the date when first submitted in the President's budget request.	Date	10	mm/dd/yyyy	On 1/28/2009 OECM proposed that milestone or critical decision status be updated by OECM.	OECM	UR@SE	UR@SE	UR@SE	UR@SE	UR@SE	UR@SE
22	02/12/09	PDIR	Project Status	Milestone	Milestone Approved By	The name of the approving authority for the milestone-or critical decision.	A/N	50	N/A	On 1/28/2009 OECM proposed that milestone or critical decision status be updated by OECM.	OECM	UR@SE	UR@SE	UR@SE	UR@SE	UR@SE	UR@SE
23	02/12/09	PDIR	Project Status	Milestone	Milestone Narrative	Narrative that describes key activities or deliverables related to the preparation for approval of the milestone-or critical decision. Include any current issues or actions.	A/N	256	N/A	On 1/28/2009 OECM proposed that milestone or critical decision status be updated by OECM.	OECM	UR@SE	UR@SE	UR@SE	UR@SE	UR@SE	UR@SE

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
24		PDIR	Project Status	Attachment	Project Attachment Title	The title of electronic document to be attached to the project. Examples include CD Approval, ESAAB Brief, etc)	A/N	255	N/A	<p>On 01/14/2009, the IPT determined that more discussion will be needed to determine which attachments should be “attached” to PARS by the FPD. The IPT is currently are in favor of implementing a list of mandatory attachments and a list of optional attachments.</p> <p>OECM stated that PARS II will provide a document repository, to be used for storing these attachments.</p> <p>On 1/28/09, the OECM stated that Mel Frank will be providing a list of mandatory attachments for PARS II.</p>	FPD	IR@CD ²	UR@CD ³	UR@CD ⁴	UR@CD ⁵	UR@CD ⁶	
25	02/12/09	PDIR	Project Status	Attachment	Project Attachment File Name	The computer filename of the attachment. Example: Project ABC123-4 CD Approval 20091021	A/N	50	N/A		FPD	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	
26	02/12/09	PDIR	Project Status	Attachment	Project Attachment URL	The hyperlink address of the attachment, once it has been stored on the PARS II or OECM Document Management Server.	A/N	50	N/A		OECM	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	
27	02/12/09	ART	Project Cost	Project	Prior Year Work for EM-C (\$k)	Prior year work, in dollars, for EM Cleanup projects.	N	12	N/A		OECM	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	

² Project attachments at CD-0 include the Pre-Conceptual Planning documents, Mission Needs Statement, Tailoring Strategy document, Mission Validation Independent Project Review document, Program Requirements document (required for NNSA only).


³ Project attachments at CD-1include the Conceptual Design Report, Acquisition Strategy, Preliminary Project Execution Plan, Project Data Sheet, Environmental documents, High Performance Sustainable Building Consideration documents, Preliminary Security Vulnerability Assessment, Cyber Security Plan (for IT projects), Conceptual Safety Design Report, Preliminary Hazard Analysis Report, Preliminary Safety Validation Report.



⁴ Project attachments at CD-2include the Performance Baseline document, the revised Project Execution Plan, Performance Baseline Validation Independent Review document, Independent Cost Estimate, Preliminary Design document, Project Data Sheet, Preliminary Safety Design Report, Hazard Analysis Report, Preliminary Security Vulnerability Assessment Report, Preliminary Safety Validation Report, national Environmental Policy Act documentation.

⁵ Project attachments at CD-3include the revised Project Execution Plan, revised Performance Baseline, and revised Project Data Sheet, Independent Review for Construction or Execution Readiness, Preliminary Safety Analysis Report, the revised Hazard Analysis Report, Preliminary Security Vulnerability Assessment Report, Safety Evaluation Report.

⁶ Project attachments at CD-4 include the Checkout, Testing and Commissioning Plan, the Project Transition to Operations Plan, the revised Quality Assurance Plan, Safety Analysis Report, Construction Project Safety and Health Plan, Hazard Analysis Report, Security Vulnerability Assessment Report, Cyber Security Plan (for IT projects), Safety Evaluation Report, Final Project Closeout Report, Lessons Learned Report, Operational documentation, Key Performance Parameters Verification Report.

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
28	02/12/09	ART	Project Cost	Project	Near Term Baseline Work for EM-C (\$k)	Near term baseline work, in dollars, for EM Cleanup projects.	N	12	N/A		OECM	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	
29	02/12/09	ART	Project Cost	Project	Out Year Planning Estimate Range for EM-C	Out year planning estimate range, in dollars for EM Cleanup projects.	N	12	Range of dollars???		OECM	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	
30	02/12/09	ART	Project Cost	Project	Life Cycle Cost for EM-C	Life cycle cost for EM Cleanup project.	N	12	N/A	On 01/14/2009, the IPT determined that this data element (Life Cycle Cost for EM-C) should be calculated by summing the following data elements: "Prior Year Work for EM-C" plus "Near Term Baseline Work for EM-C" plus "Out Year Planning Estimate for EM-C"	Calculated	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	
31	02/12/09	ART	Project Resp.	Project	Federal Project Director Assigned to Project ^{PB}	The name of the federal project Director assigned to the project.	A/N	50	Dropdown from Contacts (FPDs only)		PO		IR@CD				
32	02/12/09	ART	Project Status	Narratives	Date of Project Status	The fiscal year (MM/YYYY) and calendar month for reporting status or writing assessments. This data element is updated by the author before writing or updating monthly status information. MM/YYYY	Date	10	N/A		FPD	RM	RM	RM	RM	RM	
33	02/12/09	PDIR	Project Status	Narratives	FPD Status Assessment	A brief narrative on the current project status, describing recent developments, comments, clarifications, or concerns relating to the project. Describe issues that need to be addressed at the Program and/or the Department level (e.g., risks encountered that will potentially require contingency held by DOE, assumptions in the project baseline that are not valid and could result in potential delays or cost overruns).	A/N	4000	N/A		FPD	RM	RM	RM	RM	RM	
34	02/12/09	PDIR	Project Status	Narratives	FPD Status Assessment Indicator (R/Y/G)	A color assigned to the red, yellow, green performance indicator that indicates the overall condition of the assessment.	Object	1	R, Y, G		FPD	RM	RM	RM	RM	RM	
35	02/12/09	NEW	Project Status	Narratives	FPD Corrective Action Plan	A narrative from the FPD that describes the corrective action plan	A/N	4000	N/A	Needed? – JM (DOE O 413.3A	FPD	RM	RM	RM	RM	RM	

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						expected to bring the project back on schedule, cost or other parameter.				Attachment 2, P1)							
36	02/12/09	NEW	Project Status	Narratives	FPD Project Upcoming Events ID	A unique, sequential number that identifies the specific narrative, in order, for each of the upcoming events.	N	3	N/A	On 01/14/2009, the IPT determined that this data element should be automatically system generated by PARS II (e.g., 1,2,3,4,5)	PARS II	RM	RM	RM	RM	RM	
37	02/12/09	NEW	Project Status	Narratives	FPD Project Upcoming Events Narrative	Brief narrative that describes an upcoming event that should be brought to the attention of senior DOE management. This narrative to be shown on the DepSec Report.	A/N	4000	N/A	OK-JM	FPD	RM	RM	RM	RM	RM	
38	02/12/09	PMET	Project Status	Narratives	FPD Forecasted Month to Achieve Green	The calendar year and month that the FPD believes that issues will be resolved and the project will return to a status of "green". MM/YYYY	Date	10	N/A		FPD	RM	RM	RM	RM	RM	
39	02/12/09	PMET	Project Status	Narratives	FPD Forecasted Completion Date	The data that the FPD expects the project to be completed. mm/dd/yyyy	Date	10	N/A		FPD	RM	RM	RM	RM	RM	
40	02/19/09	PMET	Project Status	Narratives	FPD Forecasted Total Project Cost (TPC) (\$K)	The FPD's estimate for Total Project Cost	N	12	N/A		FPD	RM	RM	RM	RM	RM	
41	02/12/09	NEW	Project Status	Narratives	PO Status Assessment	A brief narrative on the current project status, describing recent developments, comments, clarifications, or concerns relating to the project. Describe issues that need to be addressed at the Program and/or the Department level (e.g., risks encountered that will potentially require contingency held by DOE, assumptions in the project baseline that are not valid and could result in potential delays or cost overruns).	A/N	4000	N/A		PO	RM	RM	RM	RM	RM	
42	02/12/09	NEW	Project Status	Narratives	PO Status Assessment Indicator 	A color assigned to the red, yellow, green performance indicator that indicates the overall condition of the assessment.	Object	1	R,Y,G		PO	RM	RM	RM	RM	RM	
43	02/12/09	PMET	Project Status	Narratives	OECM Status Assessment	A brief narrative on the current project status, describing recent developments, comments, clarifications, or concerns relating to the project. Describe issues that need to be addressed at the Program and/or the Department level (e.g., risks	A/N	4000	N/A		OECM	RM	RM	RM	RM	RM	

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						encountered that will potentially require contingency held by DOE, assumptions in the project baseline that are not valid and could result in potential delays or cost overruns). OECM will use this data element to explain the color-coded assessments (Red, Yellow, Green) and other information as shown on the Monthly Report to the Deputy Secretary,.											
44	02/12/09	PMET	Project Status	Narratives	OECM Status Assessment Indicator 	A color assigned to the red, yellow, green performance indicator that indicates the overall condition of the assessment.	Object	1	R,Y,G		OECM	RM	RM	RM	RM	RM	
45	02/12/09	PMET	Project Status	Narratives	OECM Progress Assessment	Narrative from the OECM identifying progress made towards Green.	A/N	4000	N/A		OECM	RM	RM	RM	RM	RM	
46	02/12/09	PMET	Project Status	Narratives	OECM Progress Assessment Indicator 	A color assigned to the red, yellow, green performance indicator that indicates the overall progress of the assessment.	Object	1	R,Y,G		OECM	RM	RM	RM	RM	RM	
47	02/12/09	ART	Project Status	Narratives	OECM Overall Assessment	A narrative of the OECM's final and overall assessment of the project for the reporting period. This narrative goes on the DepSec Report.	A/N	4000	N/A		OECM	RM	RM	RM	RM	RM	
48	02/12/09	ART	Project Status	Narratives	OECM Forecasted Month to Achieve Green	The calendar year and month that the OECM believes that issues will be resolved and the project will return to a status of "green". MM/YYYY	Date	10	N/A		OECM	RM	RM	RM	RM	RM	
49	02/12/09	ART	Project Status	Narratives	OECM Forecasted TPC (\$k)	The OECM Analyst's estimate for Total Project Cost	N	12	N/A		OECM	RM	RM	RM	RM	RM	
50	02/12/09	PMET	Project Status	Narratives	OECM Forecasted Construction Completion Date at CD-4	The OECM Analyst's estimate for construction completion date at CD-4. MM/DD/YYYY	Date	12	N/A		OECM	RM	RM	RM	RM	RM	
51	02/12/09	ART	Project Status	Narratives	OECM Analyst Detailed Comments	A detailed narrative, kept by the OECM Analyst that contains ongoing narrative about the project. This data should not be made available for reporting.	A/N	4000	N/A	On 01/14/2009, the IPT determined that information stored in this data element may be "Sensitive" in nature because it could contain procurement and contract info. On 1/28/09 the OECM	OECM	RM	RM	RM	RM	RM	

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										determined that no changes will be made to this data element and that data entered into this field must not be of a sensitive nature.							
52	02/12/09	ART	Project Identity	Sites	Project Site Code ^{PB}	<p>The alphanumeric abbreviation for Project Site (e.g., LLNL for Lawrence Livermore National Laboratory). Note that sites have only been set up for DOE facilities where projects are located. Field and Operation offices are not considered "physical sites."</p> <p>The site code table also contains a brief description for the site (e.g. Lawrence Livermore National Laboratory).</p> <p>If a project has multiple sites, chose "Multiple" and include the site names in the project description.</p>	A/N	15	Dropdown	Input once	FPD		IR@CD				
53	02/12/09	ART	Project Identity	Project Location	Project Location ^{PB}	<p>The project location data element consists of four separate data elements: Local Area, City, State and Zip Code.</p> <p>Enter the Local Area, the City, State, and Zip Code where the project is located. The Local Area is a location within the site (e.g., TA3 at Los Alamos, or H Area at SRS).</p> <p>The data will be entered in four fields.</p>	A/N	256	N/A	Input once	FPD		IR@CD				
54	02/12/09	ART	Project Resp.	Contractors	Prime Contractor Name ^{PB}	The name of the prime contractor responsible for overall management of the project when selected after CD-1. Select the dropdown value "Unknown" if contractor has not been selected.	A/N	50	Dropdown		FPD		IR@CD				
55		PMET	Project Resp.	FPD Certification	DELETE THIS DATA ELEMENT - NOT TO BE USED IN PARS II FPD-Certification-Status	The FPD's current certification status. See dropdown.	A/N	25	Certified, Not-certified, Under review	On 1/28/09 the OECM determined that it would no longer need this data element (see comments in FPD certification Status data element.on	OECM		IR@CD	AN	AN	AN	AN

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
56		PMET	Project Resp.	FPD Certification	FPD Certification Level	The current certification level of the Federal Project Director (e.g., Level 0, 1, 2, 3, 4).	A/N	100	<p>Level 4: TPC exceeding \$400 million (M)</p> <p>Level 3: TPC greater than \$100M and equal to or less than \$400M</p> <p>Level 2: TPC greater than \$20M and equal to or less than \$100M</p> <p>Level 1: TPC greater than \$5M and equal to or less than \$20M.</p> <p>Level 0: FPD not certified.</p>	<p>On 01/14/2009, the IPT had a discussion about the potential need to match the FPD's certification level of authority with the TPC value for the assigned project.</p> <p>EM stated that the dollar values assigned to each of the four responsibility levels do not align with dollar values assigned to similar EM Project Levels.</p> <p>On 1/28/2009, OECM proposed that a new level number be added to this data element (level #0). The Level 0 value means that the "FPD is Not Certified"</p>	OECM		IR@CD	AN	AN	AN	AN
57	02/12/09	PMET	Project Resp.	FPD Certification	FPD Certification Dates and Levels (History File)	A list of historical records that shows one record for each certification event for the FPD; identifying the certification level and the date of the certification.	A/N	4000	N/A		Automatically generated by PARS II		IR@CD	AN	AN	AN	AN
58		ART	Project Resp.	Contractor Certification	Contractor EVMS Certification Status	The contractor's current EVMS certification status, such as Certified, Reviewed, Not Reviewed, Surveilled .	A/N	25	Certified, Reviewed, Not reviewed Surveilled	On 1/28/09 the OECM proposed that a new value be added to the current list of values for this data element: "Surveilled".	OECM		IR@CD	AN	AN	AN	AN
59	02/12/09	ART	Project Resp.	Contractor Certification	Contractor EVMS Certification Date	A date, linked to the corresponding Certification Status event.	Date	10	mm/dd/yyyy		OECM		IR@CD	AN	AN	AN	AN
60		New	Project Resp.	Contractor Certification	Contractor EVMS Certification Dates and Levels (History File)	A list of historical records that shows one record for each certification event for the contractor; identifying the certification status code and the date of the certification.	A/N	4000	N/A	On 01/14/2009, the IPT proposed that this new data element be added to PARS II	Automatically generated by PARS II		IR@CD	AN	AN	AN	AN
61		New	Project Resp.	Contractor Certification	COR Certification Status	The Contracting Officer Representative's current Certification Status.	A/N	25	(To be determined by IPT).	On 01/14/2009, the IPT EM member proposed that this new data	PO		IR@CD	AN	AN	AN	AN

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										element be added. Status codes will be developed by IPT members.							
62		New	Project Resp.	Contractor Certification	COR Certification Date	The certification date that corresponds to the related COR Certification event.	Date	10	mm/dd/yyyy	On 01/14/2009, the IPT EM member requested that this new data element be added.	PO		IR@CD	AN	AN	AN	AN
63		New	Project Resp.	Contractor Certification	COR Certification Dates and Levels (History File)	A list of historical records that shows one record for each certification event for the Contracting Officer Representative; identifying the certification status code and the date of the certification event.	A/N	4000		On 01/14/2009, the IPT requested that this new data element be added.	Automatically generated by PARS II		IR@CD	AN	AN	AN	AN
64	02/12/09	ART	Project Cost	Project	TPC at CD-1 (low) (\$K) **	An estimate, at the low side of the range in dollars, of the Total Project Cost at CD-1	N	12	N/A		FPD		IR@CD				
65	02/12/09	ART	Project Cost	Project	TPC at CD-1 (high) (\$K) **	An estimate, at the high side of the range in dollars, of the Total Project Cost at CD-1	N	12	N/A		FPD		IR@CD				
66	02/12/09	ART	Project Schedule	Project	Estimated Completion Date at CD-1 (high)	The FPD's estimate, expressed as a date on the high side of the range, for project completion date, taken at CD-1 approval.	Date	10	N/A		FPD		IR@CD				
67	02/12/09	PDIR	Budget Request	Budget	Budget Fiscal Year	The fiscal year of the President's Congressional Budget request (CRB). (YYYY)	Date	4	N/A		OECM		UR@SE	UR@SE	UR@SE	UR@SE	
68	02/12/09	PDIR	Budget Request	Budget	Budget Source	The source of data for the budget profile, such as the DOE Integrated Priority List, OMB, Congress, or the Performance Baseline	A/N	256	Dropdown List of Values: DOE Integrated Priority List, OMB, Congress, Performance Baseline		OECM		UR@SE	UR@SE	UR@SE	UR@SE	
69	02/12/09	PDIR	Budget Request	Budget	TEC (Design) (\$K) ***	The total Project Engineering Design portion in the Budget Request.	N	12		On 01/14/2009, the IPT stated that it must provide a better definition for this data element.	OECM		UR@SE	UR@SE	UR@SE	UR@SE	

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										The IPT member from Science asked if this data element pertained to Preliminary Engineering Design, or to Design.							
70		PDIR	Budget Request	Budget	DELETE THIS DATA ELEMENT – NOT TO BE USED IN PARS II TEC (Long-Lead Items) (\$K) ***	Total funding requested for long-lead time items.	N	42		On January 14, 2009, IPT members stated that “entering zero into this data element may be valid for some projects”. On 1/28/09 OECM elected to delete this data element.	OECM		UR@SE	UR@SE	UR@SE	UR@SE	
71	02/12/09	PDIR	Budget Request	Budget	TEC (Construction) (\$K) ***	Enter the Total Estimated Construction cost estimated for the project. (Note: this will be inclusive of any LLI funds).	N	12			OECM		UR@SE	UR@SE	UR@SE	UR@SE	
72	02/12/09	PDIR	Budget Request	Budget	OPC Excluding D&D (\$K)	Enter total Other Project Costs (e.g. Pre-Conceptual Design and Start-up).	N	12		On 01/14/2009, the IPT stated that it must provide a better definition for the term D&D, especially as they relate to EM projects. D&D = Deactivating and Decommissioning	OECM		UR@SE	UR@SE	UR@SE	UR@SE	
73		PDIR	Budget Request	Budget	THIS DATA ELEMENT MAY BE DELETED. D&D Costs (\$K)	Enter the total cost for D&D associated with the construction project	N	12		On 01/14/2009, the IPT stated that it must provide a better definition for the term D&D, especially as they relate to EM projects. On 1/28/09 OECM stated that it <u>may</u> delete this data element.	OECM		UR@SE	UR@SE	UR@SE	UR@SE	
74	02/12/09	PDIR	Budget Request	Budget	Operations (\$K)	If the project includes operations, enter the total life cycle Operations Cost. Operations costs are for plant operations and are not to be confused with operations funds required as “OPCs” for line-item projects. (Many	N	12			OECM		UR@SE	UR@SE	UR@SE	UR@SE	

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						EM clean-up projects will only have Operations costs). This does not include operations costs after CD-4.											
75	02/12/09	PDIR	Project Cost	Project	TPC at CD-2 (K\$) (LCC for EM) **	The approved TPC at CD-2. For EM operations funded project this will be the total life cycle cost of the project.	N	12			OECM			IR@CD			
76		PDIR	Project Cost	Project	DELETE THIS DATA ELEMENT – NOT TO BE USED IN PARS II TPC Near-Term (EM PBSs Only) (\$K) **	The approved Near-Term TPC based on the Contract Performance Baseline for EM operations funded projects.	N	12		Discuss with Mel Frank –JM Required whenever new contract is awarded.	OECM			UR@SE	UR@SE		
77	02/12/09	ART	Project Schedule	Project	Estimated Completion Date at CD-2 (high)	The FPD's estimate for project completion date, expressed as a date on the high side of the range, at CD-2 approval	Date	10	N/A		FPD			IR@CD			
78	02/12/09	ART	Earned Value	Project	Original DOE Cost Contingency (\$K)	The initial or original amount set aside by DOE for Cost Contingency. DOE Cost Contingency is the reserve budget held by DOE. For EM operations funded projects this contingency will be for the entire PBS and consistent with the project baseline validated at CD-2.	N	12	N/A		FPD			IR@CD			
79	02/12/09	PDIR	Earned Value	Project	Original DOE Schedule Contingency	The original amount of schedule contingency, expressed in days, set aside for the project by DOE. Schedule Contingency is the total float in calendar days planned for this project. For EM operations funded projects schedule contingency will be for the entire PBS and will be consistent with the project baseline validated at CD-2.	N	4			FPD			IR@CD			
80	02/12/09	NEW	Earned Value	Project	Original Contractor Fee/Profit (\$K)	The initial or original amount of Fee or Profit, expressed in dollars, set aside by DOE for the project.	N	12	N/A	On 01/14/2009, a member from the IPT pointed out that some projects do not have Fees. On 1/28/09 OECM	FPD			IR@CD			

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										states that this data element will require additional discussion, as the Fee is sometimes tied to the Contract and not to the Project (an apportionment method may be required).							
81		PMET	Project Schedule	Project	Actual Construction / Execution Start Date	The date that that the "Notice to Proceed (plus 15 days) document is issued.	D	10	N/A	Requested by Paul Bosco 2007 On 1/28/09 OECM stated that the exact phrase for "Notice to Proceed" should be used and John White will investigate and provide the team with the complete phraseology.	FPD				IR@CD		
82		ART	Project Cost	Project	DELETE THIS DATA ELEMENT – NOT TO BE USED IN PARS II TPC at CD-3 (LCC for EM) (\$K) **	The FPD's estimate for Total Project Cost, expressed in dollars, at CD-3 approval.	N	12	N/A	On 01/14/2009, the IPT elected to Delete this data item, but wanted to check with Brian Kong before actually deleting the item. On 1/28/09 OECM decided to delete this data element.	FPD				IR@CD		
83		ART	Project Schedule	Project	DELETE THIS DATA ELEMENT – NOT TO BE USED IN PARS II Estimated Completion Date at CD-3 (high)	The FPD's estimate for project completion date, as expressed as a date on the high side of the range, at CD-3 approval.	Date	10	N/A		FPD				IR@CD		
84	02/12/09	ART	Earned Value	Project	DOE Cost Contingency Used This Period (\$K)	The amount of Cost Contingency that was applied to the project this month, expressed in thousands of dollars.	N	12	N/A	Calculated each month = (Original DOE Cost Contingency – Remaining DOE Cost Contingency)	PARS II			RM	RM	RM	
84	02/12/09	ART	Earned Value	Project	Remaining DOE Cost Contingency (\$K) ^{PB}	The remaining amount of Cost Contingency, expressed in dollars.	N	12	N/A	Entered each month	FPD			RM	RM	RM	

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
86	02/12/09	PDIR	Earned Value	Project	DOE Schedule Contingency Used This Period	The amount of schedule contingency, in days, that was used by the project during the month.	N	4		Calculated each month = (Original DOE Schedule Contingency – Remaining DOE Schedule Contingency)	PARS II			RM	RM	RM	
87	02/12/09	PDIR	Earned Value	Project	Remaining DOE Schedule Contingency ^{PB} (days)	The remaining number of days of Schedule Contingency.	N	4	N/A	Entered each month	FPD			RM	RM	RM	
88	02/12/09	New	Earned Value	Project	Contractor Fee/Profit Used This Period (\$K)	The amount of Contractor Fee/Profit, expressed in dollars, used this period	N	12	N/A	Calculated each month = (Original Contractor Fee/Profit – Remaining Contractor Fee/Profit)	PARS II			RM	RM	RM	
89	02/12/09	New	Earned Value	Project	Remaining Contractor Fee/Profit (\$K) ^{PMB}	The remaining Contractor Fee/Profit.	N	12	N/A	Entered Each Month	FPD			RM	RM	RM	
90	02/12/09	PDIR	PB Baseline Change	PB Change	Performance Baseline Version Number ^{PB}	The baseline change number from the change control log. This number is designed to make it easier to track and sort baseline changes.	N	2	N/A	Performance Baseline. The collective key performance, scope, cost, and schedule parameters, which are defined for all projects; includes the entire project budget (total project cost and CD-4 date) and represents DOE's commitment to Congress.	OECM			UR@SE	UR@SE	UR@SE	
91	02/12/09	PDIR	PB Baseline Change	PB Change	Performance Baseline Title ^{PB}	The title given to the baseline change, such as "Congressional Baseline".	A/N	50	N/A		OECM			UR@SE	UR@SE	UR@SE	
92	02/12/09	PDIR	PB Baseline Change	PB Change	Performance Baseline Approval Date ^{PB}	The date that the PB was approved by the approving official. MM/DD/YYYY	Date	12	N/A		OECM			UR@SE	UR@SE	UR@SE	
93	02/12/09	PDIR	PB Baseline Change	PB Change	Performance Baseline Approving Official Name ^{PB}	The name of the approving official that approved the PB.	A/N	50	N/A		OECM			UR@SE	UR@SE	UR@SE	
94	02/12/09	PDIR	PB Baseline Change	PB Change	Performance Baseline Change Submission Date ^{PB}	The date that the request for the change to the PB was made. mm/dd/yyyy	Date	12	N/A		OECM			UR@SE	UR@SE	UR@SE	
95	02/12/09	PDIR	PB Baseline Change	PB Change	Performance Baseline Change Directed? (Y/N) ^{PB}	A flag (Yes/No) that indicates if the change to the PB was directed by DOE.	Y/N	1	Yes No		OECM			UR@SE	UR@SE	UR@SE	
96	02/12/09	PDIR	PB Baseline	PB Change	Performance Baseline Change in Cost (\$K) ^{PB}	If the baseline change accompanies a change in cost, enter the dollar value	N	12	N/A		OECM			UR@SE	UR@SE	UR@SE	

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
			Change			of the approved change (positive or negative)											
97	02/12/09	PDIR	PB Baseline Change	PB Change	Performance Baseline Change in Schedule ^{PB}	If the baseline change accompanies a change in schedule, enter the calendar days of approved change (positive or negative) that the schedule will be extended or reduced.	N	6	N/A		OECM			UR@SE	UR@SE	UR@SE	
98	02/12/09	PDIR	Project Scope	KPP	KPP Scope Narrative at Completion ^{PB}	A brief narrative done at the completion of the project that verifies the completed scope against the approved scope. KPPs at CD-4 must equal KPP's at CD-2.	A/N	4000	N/A		FPD					IR@CD	
99	02/12/09	ART	Project Cost	Project	Actual Cost at Financial Close-out (\$K) ^{PB}	Enter the final cost of the project when final financial closure is obtained.	N	12	N/A		FPD						IR@CD
100		ART	Earned Value	Upload File	BCWS Incremental (\$K) ^{PMB DU}	Budgeted Cost of Work Scheduled (BCWS) or Planned Value (PV) is the budget for the planned scope that is scheduled to be accomplished during the month. BCWS is the incremental planned accomplishment established in the project baseline. Enter the Monthly BCWS through project completion. BCWS must flow from the approved baseline at CD-2.	N	12	N/A	On 01/14/2009, the IPT talked about the different ways in which the BWCS profile is loaded with data by Program Offices. Many POs do not complete the entire BCWS profile. On 1/28/09 OECM determined that more discussion would be needed to resolve issues with this data element.	CONTR						
101		NEW	Earned Value	Upload File	BCWS Cumulative (\$K) ^{PMB DU}	Budgeted Cost of Work Scheduled (BCWS) or Planned Value (PV) is the budget for the planned scope that is scheduled to be accomplished during the cumulative period. BCWS is the incremental planned accomplishment established in the project baseline. Enter the cumulative BCWS through project completion. BCWS must flow from the approved baseline at CD-2.	N	12		On 01/14/2009, the IPT talked about the different ways in which the BWCS profile is loaded with data by Program Offices. Many POs do not complete the entire BCWS profile. On 1/28/09 OECM determined that more discussion would be needed to resolve issues with this data	CONTR			IR@CD			

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										element.							
102		ART	Earned Value ⁷	Upload File	BCWP Incremental (\$K) ^{PMB DU}	The Budgeted Cost of Work Performed (BCWP) or the Earned Value (EV) for the indicated month BCWP is the sum of all budgets for all completed work and the completed portions of ongoing work. BCWP is the total budget (in dollars) for the scope that was actually accomplished during the month.	N	12			CONTR			RM	RM	RM	
103	02/12/09	NEW	Earned Value ⁸	Upload File	BCWP Cumulative (\$K) ^{PMB DU}	The Budgeted Cost of Work Performed (Cum) or Earned Value (Cum) for the project-to-date. BCWP (Cum) is the sum of all budgets for all completed work and the completed portions of ongoing work. BCWP (Cum) is the total budget, in dollars, for the scope that was actually accomplished during the project-to-date period.	N	12			CONTR			RM	RM	RM	
104		ART	Earned Value	Upload File	ACWP Incremental (\$K) ^{PMB DU}	The Actual Cost of Work Performed (ACWP) for the month. ACWP is the actual cost incurred for the work accomplished during the month and is based on actual expenses accrued and not from financial reports.	N	12			CONTR			RM	RM	RM	
105	02/12/09	NEW	Earned Value	Upload File	ACWP Cumulative (K) ^{PMB DU}	The Actual Cost of Work Performed ACWP (Cum) for the Project-to-Date. This is the cumulative value over the project life.	N	12			CONTR			RM	RM	RM	
106		NEW	Earned Value	Upload File	BAC (\$K) ^{PMB DU}	Enter the Budget at Completion (BAC), expressed in dollars, The BAC must equal the total of all BCWS entries for the entire life cycle of the project, BAC can be calculated or can be entered manually to validate the integrity of the BCWS profile.	N	12	N/A	Should this data element be calculated or entered?	CONTR			IR@CD			
107		ART	Earned	Upload File	ETC – Bottoms Up (\$K)	Estimate To Complete. The current	N	12	N/A	Previous definitions for	CONTR			RA	RA	RA	

⁷ Projects with a Total Project Cost (TPC) greater than or equal to \$20 million requires entry of Earned Value data elements

⁸ Projects with a Total Project Cost (TPC) greater than or equal to \$20 million requires entry of Earned Value data elements

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
			Value		PMB DU	estimate of costs to complete all work from a point in time to the end of the project or program. ETC is the bottoms-up estimate to complete the project, as expressed in dollars.				this data contained exclusions and inclusions of management reserve and contingencies.							
108	02/12/09	ART	Earned Value	Upload File	ETC - Bottoms Up Date PMB DU	The date that the bottoms up estimate to complete exercise was made.	Date	10	N/A		CONTR			RA	RA	RA	
109	02/12/09	NEW	Earned Value	Upload File	EAC PMB DU	Estimate at completion (EAC) is the current estimated cost for program authorized work.	N				CONTR			IR@CD			
110	02/12/09	NEW	Earned Value	Upload File	Schedule Variance Narrative DU	The contractor's written narrative of schedule, as sourced from the control account level of the contractor's WBS. Give specific and most significant causes of variances, corrective actions being implemented, and recovery times. The narrative explanation must be clear, brief to the point and written to be understood by senior management – No abbreviations or acronyms are to be used. If the previously entered BCWS profile was changed for any reason an explanation must be provided in this narrative.	A/N	4000	N/A		CONTR			RM	RM	RM	
111	02/12/09	NEW	Earned Value	Upload File	Cost Variance Narrative DU	The contractor's written narrative of cost variance, as sourced from the control account level of the contractor's WBS. Give specific and most significant causes of variances, corrective actions being implemented, and recovery times. The narrative explanation must be clear, brief to the point and written to be understood by senior management – No abbreviations or acronyms are to be used. If the previously entered BCWS profile was changed for any reason an explanation must be provided in this narrative.	A/N	4000	N/A		CONTR			RM	RM	RM	

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
112	02/12/09	NEW	Earned Value	Upload File	Earned Value Narrative ^{DU}	<p>The contractor's written narrative of earned value, as sourced from the control account level of the contractor's WBS.</p> <p>Give specific and most significant causes of variances, corrective actions being implemented, and recovery times. The narrative explanation must be clear, brief to the point and written to be understood by senior management – No abbreviations or acronyms are to be used. If the previously entered BCWS profile was changed for any reason an explanation must be provided in this narrative.</p>	A/N	4000	N/A		CONTR			RM	RM	RM	
113	02/12/09	NEW	Earned Value	Upload File	Risk Register Log ^{DU}	<p>The contractor's risk log, as sourced from the contractor's scheduling system.</p>	Object	64000	N/A		CONTR			RM	RM	RM	
114	02/12/09	ART	Earned Value	Upload File	Original Contractor Management Reserve (\$K) ^{DU}	<p>The initial or original amount of Management Reserve set aside for the project by DOE.</p> <p>Enter if the contractor has a management reserve.</p> <p>For EM operations funded projects the MR will be for the current Near-Term project segment.</p>	N	12	N/A		CONTR			IR@CD			
115	02/12/09	ART	Earned Value	Upload File	Contractor Management Reserve Used This Period (\$K) ^{DU}	<p>The amount of Management Reserve, expressed in dollars, used this period.</p>	N	12	N/A	Calculated each month = (Original Management Reserve – Remaining Management Reserve)	PARS II			RM	RM	RM	
116	02/12/09	ART	Earned Value	Upload File	Remaining Contractor Management Reserve (\$K) ^{DU}	<p>The remaining amount of Management Reserve, expressed in dollars.</p> <p>The Management Reserve Remaining (MRR) is the total contractor management reserve uncommitted on a project. It is the amount of the Contract Budget Baseline (CBB) with-held for contract control purposes, rather than assigned for the</p>	N	12		Entered each month	CONTR			RM	RM	RM	

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						accomplishment of a specific task or set of tasks. It is not part of the Performance Management Baseline (PMB)											
117	02/12/09	New	Earned Value	Upload File	Management Reserve Narrative	Text narrative, associated with the use of Management Reserve dollars for the period.	Text	4000	N/A		CONTR			RM	RM	RM	
118		NEW	Earned Value	Upload File	Contractor Indirect Costs (\$K) <small>PMB DU</small>	All monthly indirect costs allocated to the contract.	N	12	N/A	1/14/2009, the IPT said that they would have to meet to develop a standard definition for Contractor Indirect Costs. DOE M 413.3-1 P.12-8	CONTR			RM	RM	RM	
119	02/12/09	PDIR	PMB Baseline Change	Upload File	Performance Measurement Baseline Version Number <small>PMB DU</small>	The baseline change number from the change control log. This number is designed to make it easier to track and sort baseline changes.	N	2	N/A	The Performance Measurement Baseline is the baseline that encompasses all project work packages and planning packages. It provides a view from the bottom-up where work packages are summed within the WBS. Management Reserve, contingency, profit, fee, and similar cost items separately identified in the contract are not part of the Performance Measurement Baseline because no work is associated with those budgets.	CONTR			UR@SE	UR@SE	UR@SE	
120	02/12/09	PDIR	PMB Baseline Change	Upload File	Performance Measurement Baseline Title <small>PMB DU</small>	The title given to the baseline change, such as "Congressional Baseline".	A/N	50	N/A		CONTR			UR@SE	UR@SE	UR@SE	
121	02/12/09	PDIR	PMB Baseline Change	Upload File	Performance Measurement Baseline Approval Date <small>PMB DU</small>	The date that the PMB was approved by the approving official. MM/DD/YYYY	Date	12	N/A		CONTR			UR@SE	UR@SE	UR@SE	
122	02/12/09	PDIR	PMB	Upload File	Performance	The date that the request for the	Date	12	N/A		CONTR			UR@SE	UR@SE	UR@SE	

Row	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
			Baseline Change		Measurement Baseline Change Submission Date <small>PMB DU</small>	change to the PMB was made. mm/dd/yyyy											
123	02/12/09	PDIR	PMB Baseline Change	Upload File	Performance Measurement Baseline Change Directed? (Y/N) <small>PMB DU</small>	A flag (Yes/No) that indicates if the change to the PMB was directed by DOE.	Y/N	1	Yes No		CONTR			UR@SE	UR@SE	UR@SE	
124	02/12/09	PDIR	PMB Baseline Change	Upload File	Performance Measurement Baseline Change in Cost (\$K) <small>PMB DU</small>	If the baseline change accompanies a change in cost, enter the dollar value of the approved change (positive or negative)	N	12	N/A		CONTR			UR@SE	UR@SE	UR@SE	
125	02/12/09	PDIR	PMB Baseline Change	Upload File	Performance Measurement Baseline Change in Schedule <small>PMB DU</small>	If the baseline change accompanies a change in schedule, enter the calendar days of approved change (positive or negative) that the schedule will be extended or reduced.	N	6	N/A		CONTR			UR@SE	UR@SE	UR@SE	